

# INTERNATIONAL SEARCH REPORT

International Application No

/GB2004/004623

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04B10/155 H04B10/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 091 535 A (SATO ET AL) 18 July 2000 (2000-07-18) figures 1,8A,8B,8C,9,10 column 5, line 63 - column 6, line 37	1-4,8, 11-15
A		5-7,9, 10,16-25
X	EP 0 975 104 A (LUCENT TECHNOLOGIES INC) 26 January 2000 (2000-01-26) figures 1-3 paragraphs '0014! - '0017!	1,3,17, 18,21,22
A		2,4-16, 19,20, 23-25
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- "&" document member of the same patent family

Date of the actual completion of the International search

21 March 2005

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01/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5018 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Petitit, N

# INTERNATIONAL SEARCH REPORT

national Application No  
T/GB2004/004623

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 969 839 A (YOSHIDA ET AL) 19 October 1999 (1999-10-19) figures 4,11A-11D column 7, lines 25-29 column 7, line 50 - column 8, line 2	1-3
A		4-25
A	EP 0 718 990 A (AT&T CORP) 26 June 1996 (1996-06-26) figures 1-3	1-25

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6091535	A	18-07-2000	JP 3337980 B2 JP 2000022640 A	28-10-2002 21-01-2000
EP 0975104	A	26-01-2000	EP 0975104 A1 JP 2000089179 A	26-01-2000 31-03-2000
US 5969839	A	19-10-1999	US 5982514 A	09-11-1999
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